

Converting Colors

$Y_{xy}(15.0531, 0.2980, 0.2109)$

Have a look what the booklet for
Yxy(15.0531, 0.2980, 0.2109)
contains.

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Color

Yxy(15.0548, 0.2980, 0.2109)

Conversions

Conversions Part 1

Format	Color
Hex	9155A0
RGB	145, 85, 160
RGB Percent	57%, 33%, 63%
CMY	0.4314, 0.6667, 0.3724
CMYK	0.09, 0.47, 0.00, 0.37
HSL	288°, 31%, 48%
HSV	288°, 47%, 63%
XYZ	21.2723, 15.0548, 35.0565
YIQ	111.4900, 11.6850, 36.0450

Conversions

Conversions Part 2

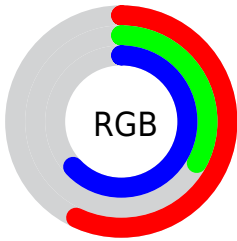
Format	Color
R _Y B	145, 85, 160
Decimal	9524640
CIE Lab	45.71, 37.58, -30.68
CIE LCh	46, 48.518, 320.773
Yxy	15.0548, 0.2980, 0.2109
Android (android.graphics.Color)	4287714720 (0xFF9155A0)
YUV	111.4900, 23.9154, 29.3883
Hunter-Lab	38.8005, 29.9614, -26.4085

Details

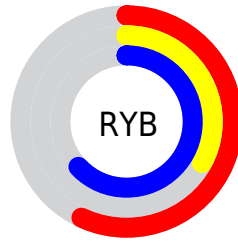
The Yxy color **15.0548, 0.2980, 0.2109** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.5195, 0.3189, 0.4670**, and the grayscale version is **15.9730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7940, 0.3026, 0.2346**, and **4.6716, 0.2887, 0.1718** is the 20% darker color. If you saturate the color by 10%, you get **12.5271, 0.2934, 0.1876**, and if you desaturate by 10%, it is **18.1618, 0.3021, 0.2360**.

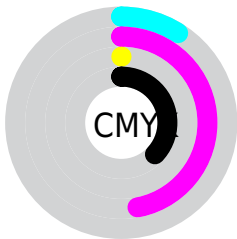
Distribution



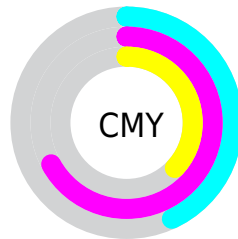
- Red (57%)
- Green (33%)
- Blue (63%)



- Red (57%)
- Yellow (33%)
- Blue (63%)



- Cyan (9%)
- Magenta (47%)
- Yellow (0%)
- Black (37%)



- Cyan (43%)
- Magenta (67%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0548, 0.2980, 0.2109 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 15.0548, 0.2980, 0.2109 by changing the saturation by 10% instead.

15.0548, 0.2980,
0.2109

15.0548, 0.2980,
0.2109

223.6977, 0.3086,
0.2745

8.8579, 0.2939,
0.1938

34.9493, 0.3028,
0.2350

4.6486, 0.2876,
0.1712

49.4156, 0.3043,
0.2438

2.0426, 0.2769,
0.1406

67.4072, 0.3054,
0.2511

0.6320, 0.2580,
0.0951

89.3084, 0.3063,
0.2572

0.0000, 0.2064,
0.0000

115.5037, 0.3071,
0.2625

0.0000, 0.0000,
0.0000

146.3774, 0.3077,

0.2671

182.3139, 0.3081,
0.2710

■ 15.0548, 0.2980,
0.2109

■ 15.0548, 0.2980,
0.2109

■ 12.5271, 0.2934,
0.1876

■ 18.1618, 0.3021,
0.2360

■ 10.5379, 0.2885,
0.1670

■ 21.8815, 0.3057,
0.2618

■ 9.0439, 0.2833,
0.1502

■ 26.2471, 0.3087,
0.2875

■ 7.9943, 0.2780,
0.1376

■ 31.2888, 0.3113,
0.3125

■ 7.3117, 0.2728,
0.1291

■ 37.0348, 0.3133,
0.3362

■ 7.1257, 0.2712,
0.1268

■ 43.5117, 0.3149,
0.3584

■ 50.7448, 0.3162,
0.3789

■ 58.7582, 0.3172,
0.3976

■ 67.5747, 0.3179,
0.4147

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.0548, 0.2162, 0.1884



15.0548, 0.2980, 0.2109



15.0548, 0.3997, 0.2559

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.0548, 0.2980, 0.2109



15.0548, 0.4674, 0.4510



15.0548, 0.1669, 0.3077

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15.0548, 0.2980, 0.2109



28.5195, 0.3189, 0.4670

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.0548, 0.2191, 0.4182



15.0548, 0.2980, 0.2109



15.0548, 0.3921, 0.5042

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.0548, 0.2980, 0.2109



15.0548, 0.5046, 0.3827



15.0548, 0.3018, 0.5015



15.0548, 0.1511, 0.2295

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.0548, 0.2980, 0.2109



15.0548, 0.4595, 0.2948



15.0548, 0.3018, 0.5015



15.0548, 0.1802, 0.3428

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15.0554, 0.2980, 0.2109



49.9102, 0.3094, 0.2942



13.8275, 0.2317, 0.2169



10.5570, 0.3089, 0.2890



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0554, 0.2980, 0.2109



22.6572, 0.2933, 0.1872



15.8310, 0.3475, 0.2457



6.6874, 0.3107, 0.3067



5.5671, 0.2717, 0.1270



0.1152, 0.2927, 0.1386

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.8943, 0.4107, 0.3050



22.4735, 0.4455, 0.3009



28.1297, 0.2904, 0.4314



6.6668, 0.3254, 0.3245



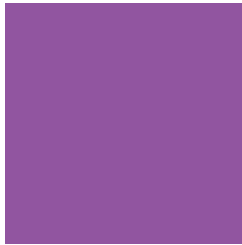
5.9086, 0.6029, 0.3095



0.1108, 0.5117, 0.2593

Previews

White Background



This preview shows how the Yxy color 15.0548, 0.2980, 0.2109 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 15.0548, 0.2980, 0.2109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

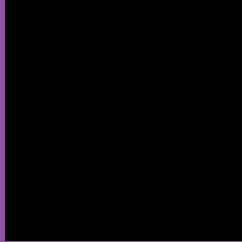
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.0548, 0.2980, 0.2109

Background



This preview shows how black text looks on a background with the Yxy color 15.0548, 0.2980, 0.2109.



This preview shows how white text looks on a background with the Yxy color 15.0548, 0.2980, 0.2109.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15.0548, 0.2980, 0.2109

Protanopia

15.2279, 0.2173, 0.2006

Deuteranopia

15.2991, 0.2417, 0.2373



Tritanopia

15.0737, 0.3615, 0.3162

Trichromacy



Original Color

15.0548, 0.2980, 0.2109

Protanomaly

14.6187, 0.2405, 0.2017

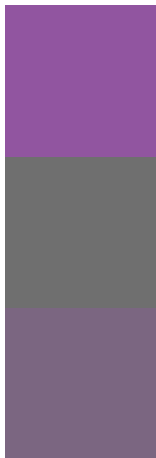
Deuteranomaly

14.8637, 0.2595, 0.2259

Tritanomaly

14.8848, 0.3374, 0.2725

Monochromacy



Original Color

15.0548, 0.2980, 0.2109

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.2987, 0.3069, 0.2781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0548, 0.2980, 0.2109 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(145, 85, 160)` looks like.

```
.text, #text, p{  
    color:rgb(145, 85, 160)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(145, 85, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 85, 160) }
```

Border

The CSS property to change the border of an element to Yxy 15.0548, 0.2980, 0.2109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 85, 160) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(145, 85, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(145, 85, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 85, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 85, 160);  
box-shadow:4px 4px 4px 4px rgb(145, 85,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0548, 0.2980, 0.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 85, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(145, 85,  
160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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